0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	<u> </u>
0-4	Form PCT/RO/101 PCT Request	T
0-4-1	Prepared Using	PCT-SAFE [EASY mode]
•	ropalisa somig	Version 3.50 (Build 0002.162)
0-5	Petition	1022201 0100 (2022201)
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	Japan Patent Office (RO/JP)
0-7	Applicant's or agent's file reference	09653e .
ı	Title of Invention	NOVEL PROTEIN
11	Applicant	
II-1	This person is	applicant only
11-2	Applicant for	all designated States except US
II - 4	Name	TAKEDA CHEMICAL INDUSTRIES, LTD.
II-5	Address	1-1, Doshomachi 4-chome, Chuo-ku, Osaka- shi, Osaka 5410045 Japan
II-6	State of nationality	JP
11-7	State of residence	JP
11-8	Telephone No.	06-6300-6786
11-9	Facsimile No.	06-6300-6601
II-11	Applicant's registration No. with the Office	000002934

111.4	10 11 11 11 1		
III-1 III-1-1	Applicant and/or inventor This person is		
	· ·	applicant and inventor	
III-1-2	Applicant for	all designated States	
III-1-4	Name (LAST, First)	SHIMOMURA, lichirou	
III-1-5	Address	33-11, Higashitoyonakacho 1-chome, Toyonaka-shi, Osaka 5600003 Japan	
III-1-6	State of nationality	JP	
III-1-7	State of residence	JP	
III-2	Applicant and/or inventor		
III-2-1	This person is	applicant and inventor	
III-2-2	Applicant for	US only	
III-2-4	Name (LAST, First)	YAMADA, Yukio	
III-2-5	Address	18-5, Yamadanishi 3-chome, Suita-shi,	
		Osaka 5650824 Japan	
III-2 - 6	State of nationality	JP	
III-2-7	State of residence	JP	
IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent	
IV-1-1	Name (LAST, First)	TAKASHIMA, Hajime	
IV-1-2	Address	Fujimura Yamato Seimei Bldg., 2-14, Fushimimachi 4-chome, Chuo-ku, Osaka- shi, Osaka 5410044 Japan	
IV-1-3	Telephone No.	06-6227-1156	
IV-1-4	Facsimile No.	06-6227-1156	
IV-1-5	e-mail	takatony@nifty.com	
IV-1-6	Agent's registration No.	100080791	
v	DESIGNATIONS		
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.		

VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	16 June 2003 (16.06.2003)
VI-1-2	Number	2003-171188
VI-1-3	Country	JP
VI-2	Priority claim of earlier national application	:
VI-2-1	Filing date	20 November 2003 (20.11.2003)
VI-2-2	Number	2003-391047
VI-2-3	Country	JP
VI-3	Priority claim of earlier national application	
VI-3-1	Filing date	30 January 2004 (30.01.2004)
VI-3-2	Number	2004-023557
VI-3-3	Country	JP
VI-4	Priority claim of earlier national application	
VI-4-1	Filing date	06 February 2004 (06.02.2004)
VI-4-2	Number	2004-030988
VI-4-3	Country	JP
VI-5	Priority document request	
	The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1, VI-2, VI-3, VI-4
VII-1	International Searching Authority Chosen	Japan Patent Office (ISA/JP)
VIII	Declarations	Number of declarations
VIII-1	Declaration as to the identity of the inventor	-
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-

IX	Check list	number of sheets	electronic file(s) attached
X-1	Request (including declaration sheets)	5	/
IX-2	Description (excluding sequence listing part)	121	-
IX-3	Claims	5	-
IX-4	Abstract	1	√
IX-5	Drawings	10/	
X-7a	Sub-total number of sheets	142	
X-6a	Sequence listing part of description	17	-
X-7	TOTAL	159	
	Accompanying Items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	√	-
X-9	Original separate power of attorney	/	-
X-11	Copy of general power of attorney	V	-
X-16(A)	Sequence listing in computer readable form		
X-16(A) (i)	copy submitted for the purposes of international search under Rule 13ter only (and not as part of the international application)	-	1 Diskette
X-17	PCT-SAFE physical media	-	✓
X-18	other	Statement	
X-18	other	Information such as recording form of flexible disk	
X-19	Figure of the drawings which should accompany the abstract		<u> </u>
X-20	Language of filing of the international application	Japanese	
(-1	Signature of applicant, agent or common representative		
(-1-1	Name (LAST, First)	TAKASHIMA, Hajime	(seal)
(-1-2 (-1-3	Name of signatory Capacity		

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10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/JP
10-6	Transmittal of search copy delayed until search fee is paid	
	FOR INTE	RNATIONAL BUREAU USE ONLY
11-1	Date of receipt of the record copy by	

11-1	Date of receipt of the record copy by	
	the International Bureau	